

### ***Amendments to the Specification***

Please replace the paragraph that begins on page 13, line 25, with the following paragraph:

~~Fig. 2A shows~~ Figs. 2A and 2B show protection of mice against IP infection with *N.meningitidis* strain K454 by use of detergent and high, medium and low molecular weight extracts of *N.lactamica* cells - upper panel (Fig. 2A) = challenge by  $2 \times 10^7$  CFU, lower panel (Fig. 2B) = challenge by  $6 \times 10^8$  CFU;

Please replace the paragraph that begins on page 13, line 30, with the following paragraph:

~~Fig. 2B~~ Fig. 2C shows the components of the high, medium and low molecular weight fractions of ~~fig. 2A~~ Figs. 2A and 2B;

Please replace the paragraph that begins on page 14, line 3, with the following paragraph:

~~Fig. 5 shows~~ Figs. 5A and 5B show protection of mice against IP infection with *N.meningitidis* strain K454 when immunised with low molecular weight subfractions - upper panel (Fig. 5A) = challenge by  $5 \times 10^6$  CFU, lower panel (Fig. 5B) = challenge by  $1 \times 10^8$  CFU.

Please replace the paragraph that begins on page 14, line 15, with the following paragraph:

~~Fig. 8 shows~~ Figs. 8A-8E show histograms comparing pMIDG100 (promoterless *gfp*) to pMIDG101 (*gfp* under the control of the *ner* promoter);

Please replace the paragraph that begins on page 14, line 18, with the following paragraph:

~~Fig. 9 shows~~ Figs. 9A and 9B show detection of GFP expression by western blot in commensal *Neisseria* using anti-GFP antibody conjugated to horseradish peroxidase, GFP being detected in strains harbouring the pMIDG101 plasmid;

Please replace the paragraph that begins on page 14, line 30, with the following paragraph:

~~Fig. 12 Shows~~ Figs. 12A-12J show a comparison of the protection against meningococcal challenge provided by ~~*N. lactamica* OMVs or *N. meningitidis* OMVs (from strain K454)~~ *N. lactamica* OMVs, *N. meningitidis* OMVs (from strain K454) or *N. cinerea* OMVs. Protection against 5 different challenge strains from different clonal lineages is demonstrated. ~~Protection against meningococcal challenge is also provided by *N. cinerea* OMVs.~~

Please replace the paragraph that begins on page 14, line 36, with the following paragraph:

~~Figure 13 Shows~~ Figs. 13A-13D show protection against challenge by 4 different meningococcal strains provided by *N. lactamica* OMVs or the *N. lactamica* low molecular weight subfraction.

Please replace the paragraph that begins on page 35, line 15, with the following paragraph:

~~In A:~~ In Fig. 9A: Lane 1, GFP; 2, *N. cinerea* NRL32165 wild-type; 3, *N. cinerea* NRL32165 pMIDG100; 4, *N. cinerea* NRL32165 pMIDG101; 5, *N. subflava* NRL30017 wild-type; 6, *N. subflava* NRL30017 pMIDG100; 7, *N. subflava* NRL30017 pMIDG101; 8, *N. flava* NRL30008 wild-type; 9, *N. flava* NRL30008 pMIDG100; 10, *N. flava* NRL30008 pMIDG101

Please replace the paragraph that begins on page 35, line 21, with the following paragraph:

~~In B:~~ In Fig. 9B: Lane 1, GFP; 2, *N. flavescens* 2830 wild-type; 3, *N. flavescens* 2830 pMIDG100; 4, *N. flavescens* 2830 pMIDG101; 5, *N. sicca* M98-252234 wild-type; 6, *N. sicca* M98-252234 pMIDG100; 7, *N. sicca* M98-252234 pMIDG101